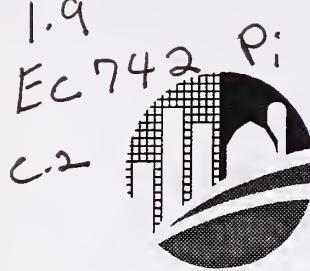


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UNITED STATES DEPARTMENT OF AGRICULTURE

Washington, D.C.

# Hogs and Pigs

Released June 23, 2000, by the National Agricultural Statistics Service (NASS), Agricultural Statistics Board, U.S. Department of Agriculture. For information on "Hogs and Pigs" call Rodger Ott at 202-720-3106, office hours 7:00 a.m. to 4:30 p.m. ET.

## U.S. Hog Inventory Down 2 Percent

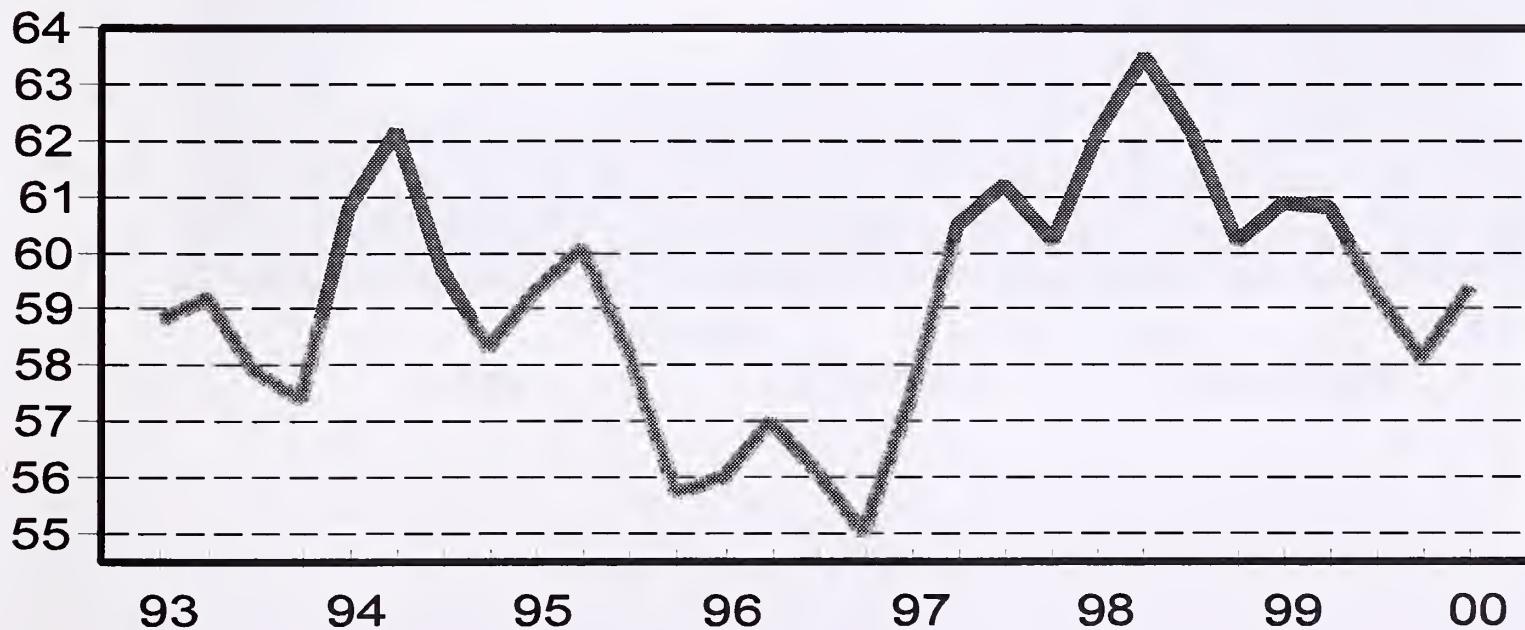
**U.S. inventory** of all hogs and pigs on June 1, 2000, was 59.4 million head. This was 2 percent below June 1999, but 2 percent above March 1, 2000.

**Breeding inventory**, at 6.23 million head, was down 4 percent from June 1, 1999, but up slightly from March 1, 2000. **Market hog inventory**, at 53.2 million head, was 2 percent below last year, but 2 percent above last quarter.

**The March-May 2000 U.S. pig crop**, at 25.8 million head, was 2 percent less than 1999, and 4 percent less than 1998. Sows farrowing during this period totaled 2.91 million head, 3 percent below last year. The sows farrowed during this quarter represented 47 percent of the breeding herd. The average pigs per litter rose to 8.89 pigs saved per litter for the March-May period, compared to 8.80 pigs last year. Pigs saved per litter by size of operation ranged from 7.80 for operations with 1-99 hogs to 9.00 for operations with more than 5,000 hogs and pigs.

## U.S. Quarterly Hogs and Pigs Inventory June 1

Million Head



**U.S. hog producers** intend to have 2.85 million sows farrow during the June-August 2000 quarter, 2 percent below the actual farrowings during the same period in 1999, and 7 percent below 1998. Intended farrowings for September-November 2000, at 2.86 million sows, are 1 percent above the same period last year, but 4 percent below 1998.

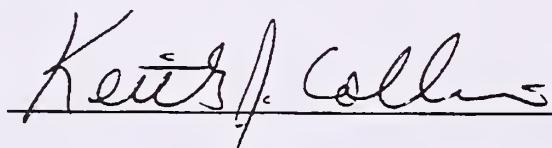
The total number of hogs under contract, owned by operations with over 5,000 head, but raised by contractees, accounted for 32 percent of the total U.S. hog inventory, up from 30 percent last year.

### Revisions

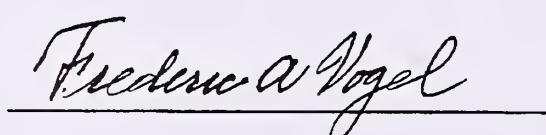
**All inventory and pig crop estimates** for June 1999 through March 2000 were reviewed using final pig crop, official slaughter, import, and export data in U.S. level balance sheets. Based on the findings of this review, small adjustments of less than one half percent were made to the inventory level for December 1, less than one percent to the September-November 1999 pig crop, and less than one half percent to the March 2000 breeding herd.

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This report was approved on June 23, 2000.



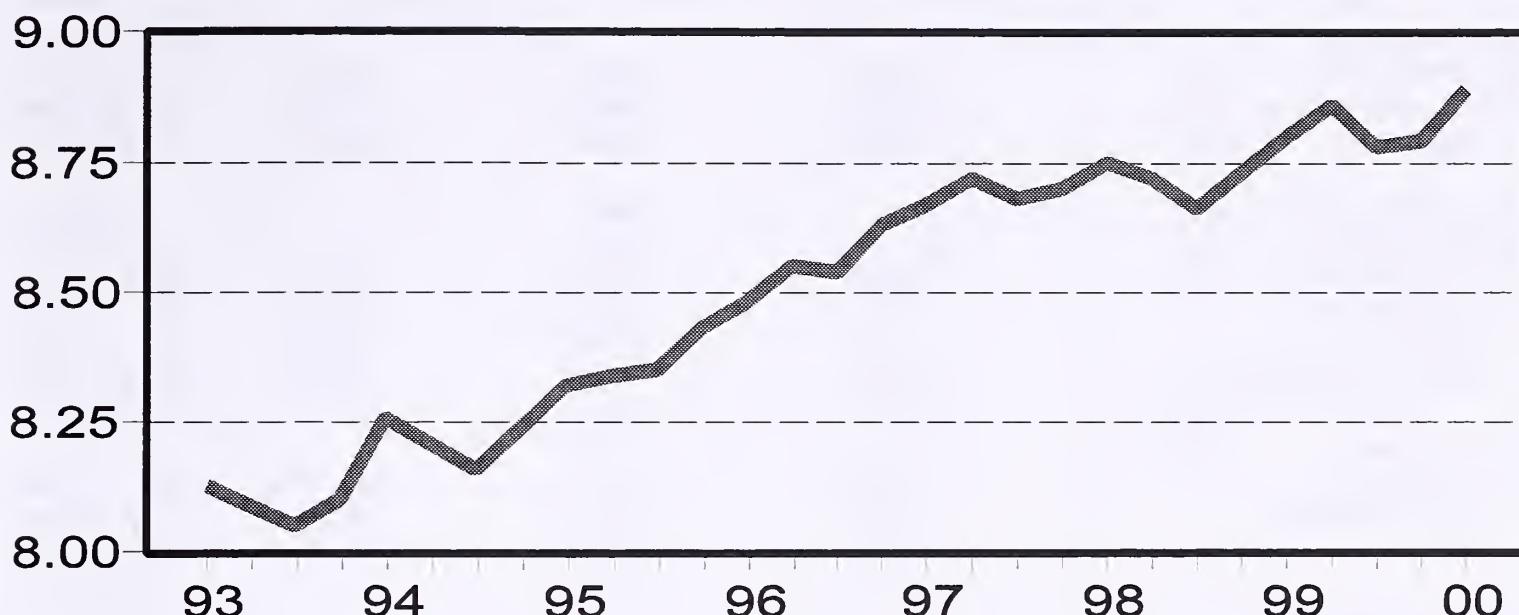
Acting Secretary of  
Agriculture  
Keith J. Collins



Agricultural Statistics Board  
Chairperson  
Frederic A. Vogel

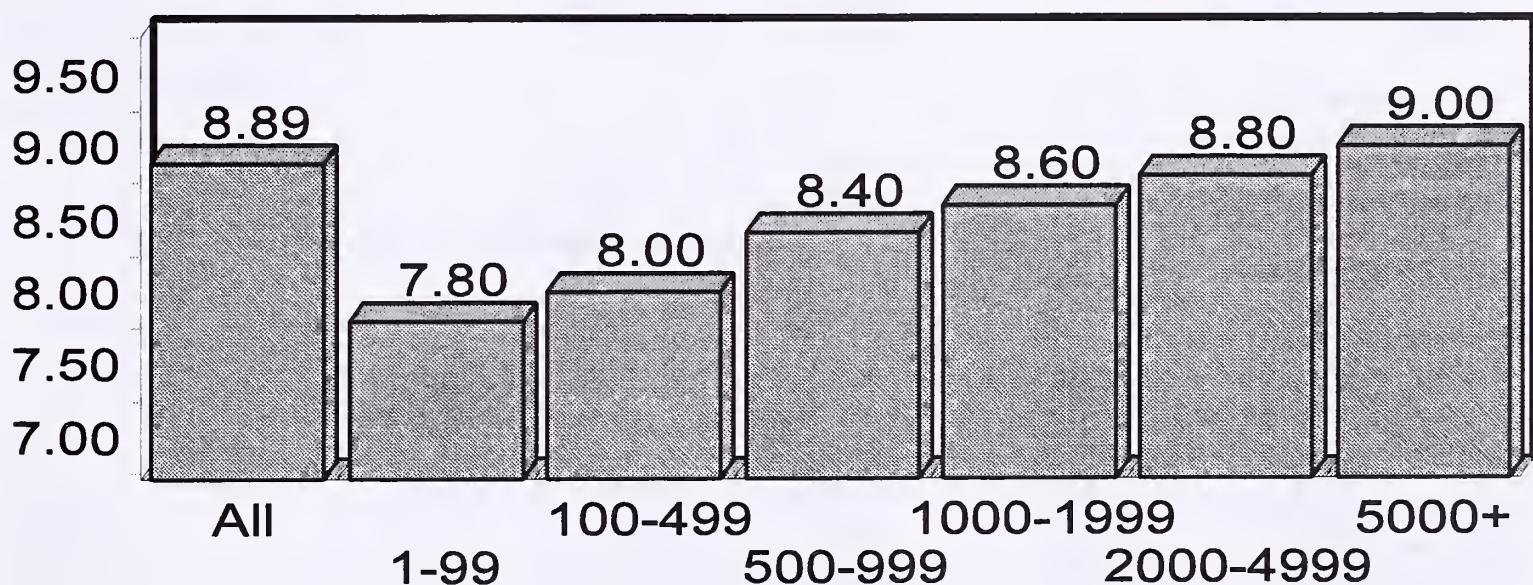
## U.S. Litter Rate March - May

Number Head



## U.S. Pigs per Litter By Size of Operation, March-May 2000

Number Head



**Hogs and Pigs: Inventory Number by Class, Weight Group,  
and Quarter, United States, 1998-2000<sup>1</sup>**

Item	1998	1999	2000	2000 as % of	
				1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Percent</i>
March 1 Inventory					
All Hogs and Pigs	60,163	60,191	58,137	97	97
Kept for Breeding	6,942	6,527	6,205	89	95
Market	53,220	53,663	51,933	98	97
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,192	19,978	19,312	96	97
60-119 Pounds	12,791	12,899	12,513	98	97
120-179 Pounds	10,774	10,995	10,648	99	97
180 Pounds and Over	9,464	9,792	9,460	100	97
June 1 Inventory					
All Hogs and Pigs	62,213	60,896	59,397	95	98
Kept for Breeding	6,958	6,515	6,234	90	96
Market	55,254	54,380	53,164	96	98
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	21,482	20,532	20,188	94	98
60-119 Pounds	13,711	13,501	13,247	97	98
120-179 Pounds	11,084	11,076	10,700	97	97
180 Pounds and Over	8,978	9,272	9,029	101	97
September 1 Inventory					
All Hogs and Pigs	63,488	60,776			
Kept for Breeding	6,875	6,301			
Market	56,612	54,474			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	21,189	20,243			
60-119 Pounds	14,032	13,414			
120-179 Pounds	11,555	11,129			
180 Pounds and Over	9,837	9,689			
December 1 Inventory					
All Hogs and Pigs	62,206	59,337			
Kept for Breeding	6,682	6,244			
Market	55,523	53,094			
Market Hogs and Pigs by Weight Groups					
Under 60 Pounds	20,140	19,228			
60-119 Pounds	13,631	13,106			
120-179 Pounds	11,585	11,073			
180 Pounds and Over	10,168	9,687			

<sup>1</sup> May not add due to rounding.

**Farrowings: Number of Sows, Pig Crop, and Pigs Per Litter,  
United States, 1998-2000<sup>1</sup>**

Item	1998	1999	2000	2000 as % of	
				1998	1999
Sows Farrowing	1,000 Head	1,000 Head	1,000 Head	Percent	Percent
Dec-Feb <sup>2</sup>	2,929	2,891	2,819	96	98
Mar-May	3,086	2,986	2,905	94	97
Dec-May <sup>2</sup>	6,014	5,877	5,724	95	97
Jun-Aug <sup>3</sup>	3,054	2,920	2,854	93	98
Sep-Nov <sup>3</sup>	2,993	2,844	2,861	96	101
Jun-Nov <sup>3</sup>	6,047	5,764	5,715	95	99
Pig Crop	Number	Number	Number	Percent	Percent
Dec-Feb <sup>2</sup>	25,480	25,247	24,777	97	98
Mar-May	26,989	26,270	25,831	96	98
Dec-May <sup>2</sup>	52,469	51,517	50,609	96	98
Jun-Aug	26,634	25,860			
Sep-Nov	25,902	24,972			
Jun-Nov	52,535	50,832			
Pigs per Litter	Number	Number	Number	Percent	Percent
Dec-Feb <sup>2</sup>	8.70	8.73	8.79	101	101
Mar-May	8.75	8.80	8.89	102	101
Dec-May <sup>2</sup>	8.72	8.77	8.84	101	101
Jun-Aug	8.72	8.86			
Sep-Nov	8.66	8.78			
Jun-Nov	8.69	8.82			

<sup>1</sup> May not add due to rounding.

<sup>2</sup> December preceding year.

<sup>3</sup> Intentions for 2000.

**Pigs per Litter: By Size of Operation, United States, 1999-2000**

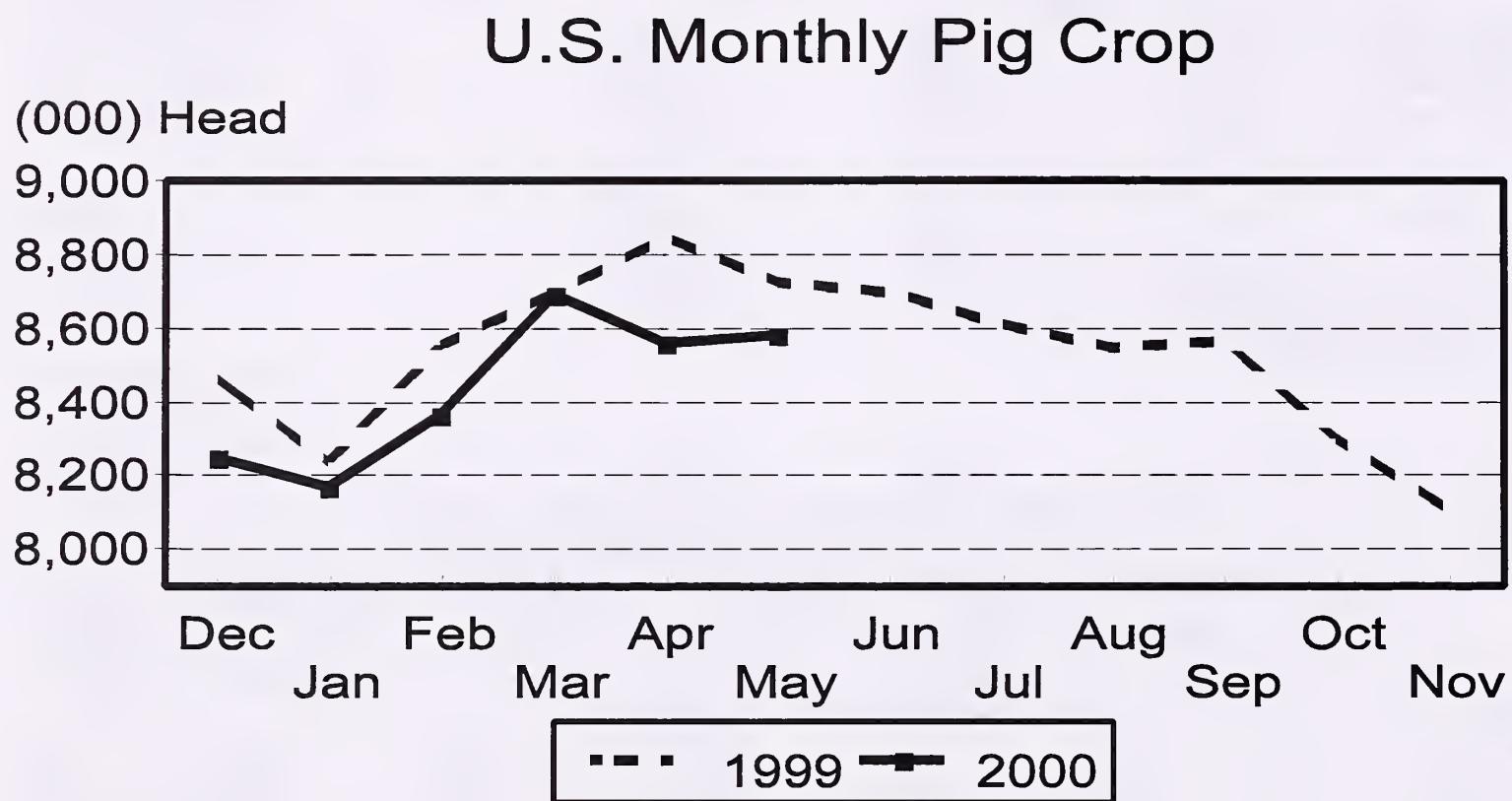
Pig Crop	Pigs per Litter on Operations Having					
	1-99 Head	100-499 Head	500-999 Head	1,000-1,999 Head	2,000-4,999 Head	5,000+ Head
1999	Number	Number	Number	Number	Number	Number
Dec-Feb <sup>1</sup>	7.60	8.10	8.20	8.40	8.70	8.90
Mar-May	7.80	8.10	8.30	8.70	8.70	9.00
Jun-Aug	7.80	7.90	8.30	8.50	8.90	9.00
Sep-Nov	7.40	8.40	8.40	8.70	8.80	8.90
2000	Number	Number	Number	Number	Number	Number
Dec-Feb <sup>1</sup>	7.50	7.90	8.30	8.50	8.70	8.90
Mar-May	7.80	8.00	8.40	8.60	8.80	9.00

<sup>1</sup> December preceding year.

**Monthly Farrowings: Number of Sows, Pigs per Litter, and Pig Crop,  
United States December-November 1999-2000<sup>1</sup>**

Month	Sows Farrowing		Pigs per Litter		Pig Crop	
	1999	2000	1999	2000	1999	2000
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>
Dec <sup>1</sup>	960	938	8.81	8.80	8,460	8,251
Jan	954	930	8.63	8.78	8,236	8,165
Feb	977	951	8.75	8.79	8,551	8,361
Mar	991	976	8.78	8.90	8,700	8,690
Apr	1,005	964	8.80	8.88	8,846	8,560
May	990	965	8.81	8.89	8,724	8,581
Jun	980		8.88		8,700	
Jul	973		8.85		8,610	
Aug	967		8.84		8,550	
Sep	970		8.83		8,563	
Oct	950		8.74		8,303	
Nov	924		8.77		8,106	
Total	11,641		8.79		102,349	

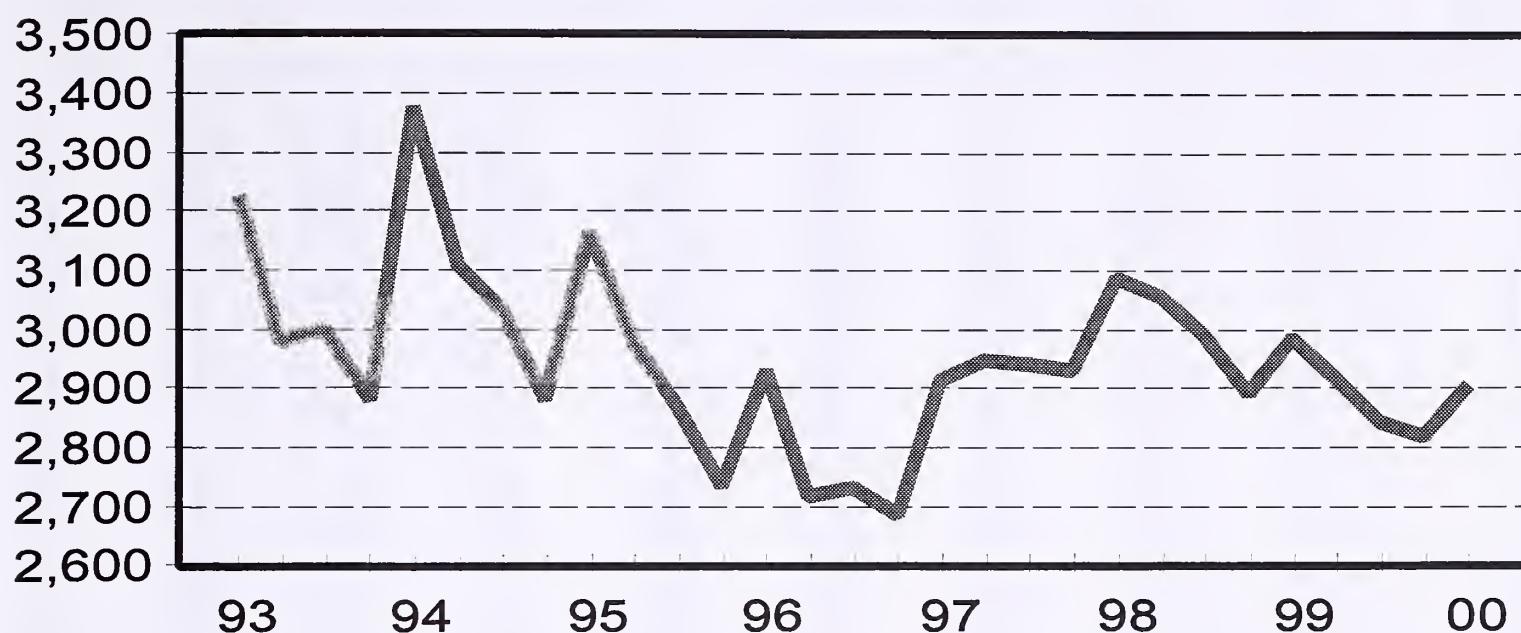
<sup>1</sup> December preceding year.



## U.S. Quarterly Sows Farrowed

March - May

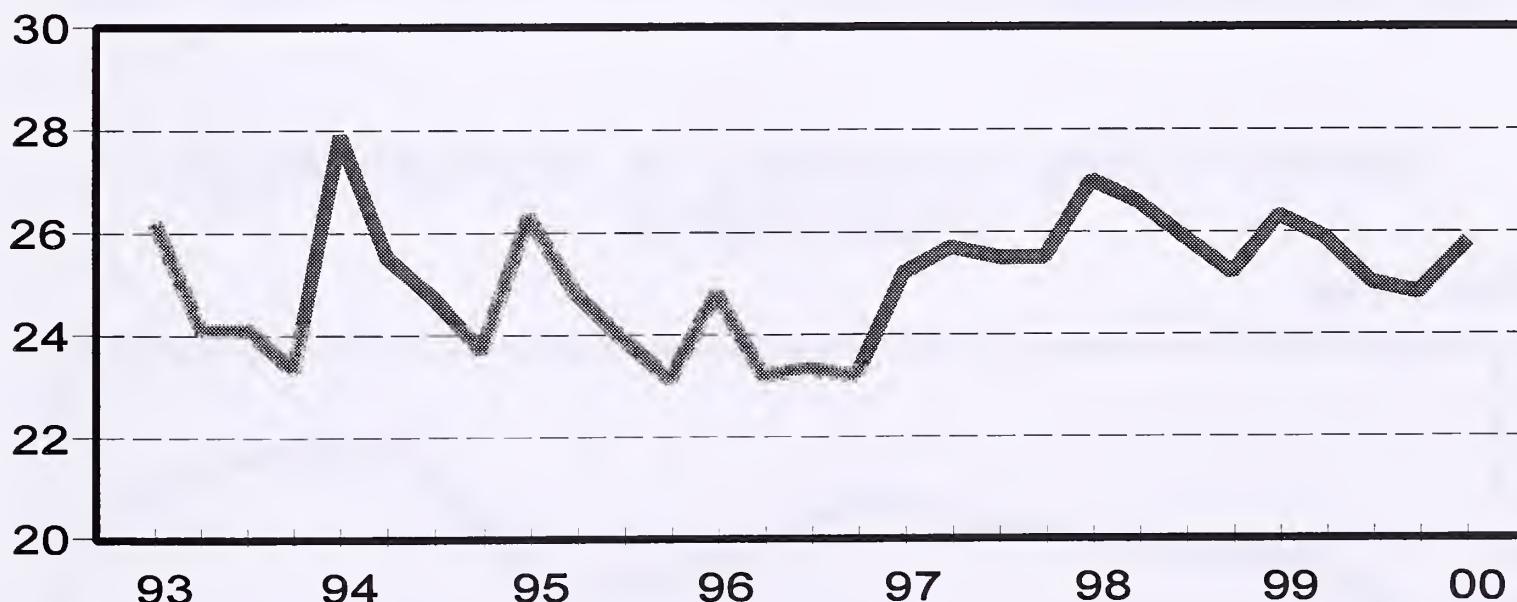
(000) Head



## U.S. Quarterly Pig Crop

March - May

Million Head



**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, March 1, 1999-2000<sup>1</sup>**

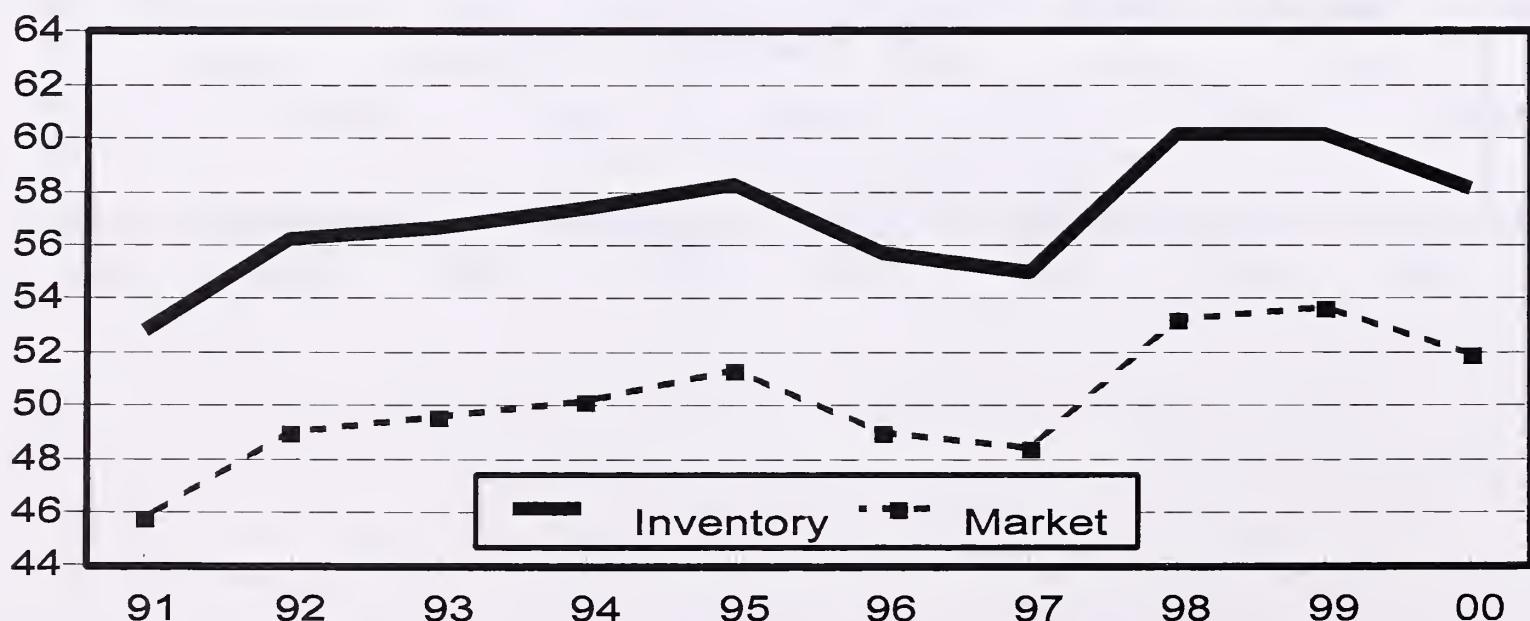
State	Breeding			Market			Total		
	1999	2000		1999	2000		1999	2000	
		Number	as % of 1999		Number	as % of 1999		Number	as % of 1999
	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent
AR	110	110	100	625	585	94	735	695	95
CO	190	210	111	650	650	100	840	860	102
IL	470	430	91	3,930	3,620	92	4,400	4,050	92
IN	420	350	83	3,430	2,800	82	3,850	3,150	82
IA	1,220	1,160	95	13,580	13,840	102	14,800	15,000	101
KS	165	145	88	1,365	1,255	92	1,530	1,400	92
MI	110	120	109	880	840	95	990	960	97
MN	590	570	97	5,010	4,830	96	5,600	5,400	96
MO	400	380	95	2,700	2,670	99	3,100	3,050	98
NE	420	390	93	2,880	2,660	92	3,300	3,050	92
NC	1,000	1,000	100	8,500	8,400	99	9,500	9,400	99
OH	195	160	82	1,455	1,290	89	1,650	1,450	88
OK	290	310	107	1,760	1,880	107	2,050	2,190	107
PA	120	120	100	980	880	90	1,100	1,000	91
SD	130	125	96	1,190	1,105	93	1,320	1,230	93
TX	90	80	89	670	780	116	760	860	113
WI	85	65	76	585	505	86	670	570	85
Oth Sts <sup>2</sup>	522	480	92	3,473	3,343	96	3,996	3,822	96
US	6,527	6,205	95	53,663	51,933	97	60,191	58,137	97

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

## March 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, March 1, 1999-2000<sup>1</sup>**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1999	2000	1999	2000	1999	2000	1999	2000
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	220	225	155	135	135	125	115	100
CO	335	370	105	90	100	90	110	100
IL	1,410	1,260	900	880	880	820	740	660
IN	1,330	1,100	790	650	710	550	600	500
IA	4,380	4,340	3,480	3,660	2,970	3,050	2,750	2,790
KS	515	510	280	245	255	230	315	270
MI	280	295	225	215	190	170	185	160
MN	1,960	1,910	1,230	1,150	990	960	830	810
MO	1,130	1,160	720	690	510	520	340	300
NE	1,140	1,060	750	630	550	550	440	420
NC	3,400	3,400	1,950	1,950	1,750	1,650	1,400	1,400
OH	580	540	355	300	310	275	210	175
OK	770	840	300	300	240	250	450	490
PA	340	330	250	230	210	180	180	140
SD	410	370	310	280	240	250	230	205
TX	295	245	135	165	110	170	130	200
WI	210	195	135	110	130	100	110	100
Oth Sts <sup>2</sup>	1,273	1,162	829	833	715	708	657	640
US	19,978	19,312	12,899	12,513	10,995	10,648	9,792	9,460

<sup>1</sup> Weight groups may not add to Market due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, June 1, 1999-2000<sup>1</sup>**

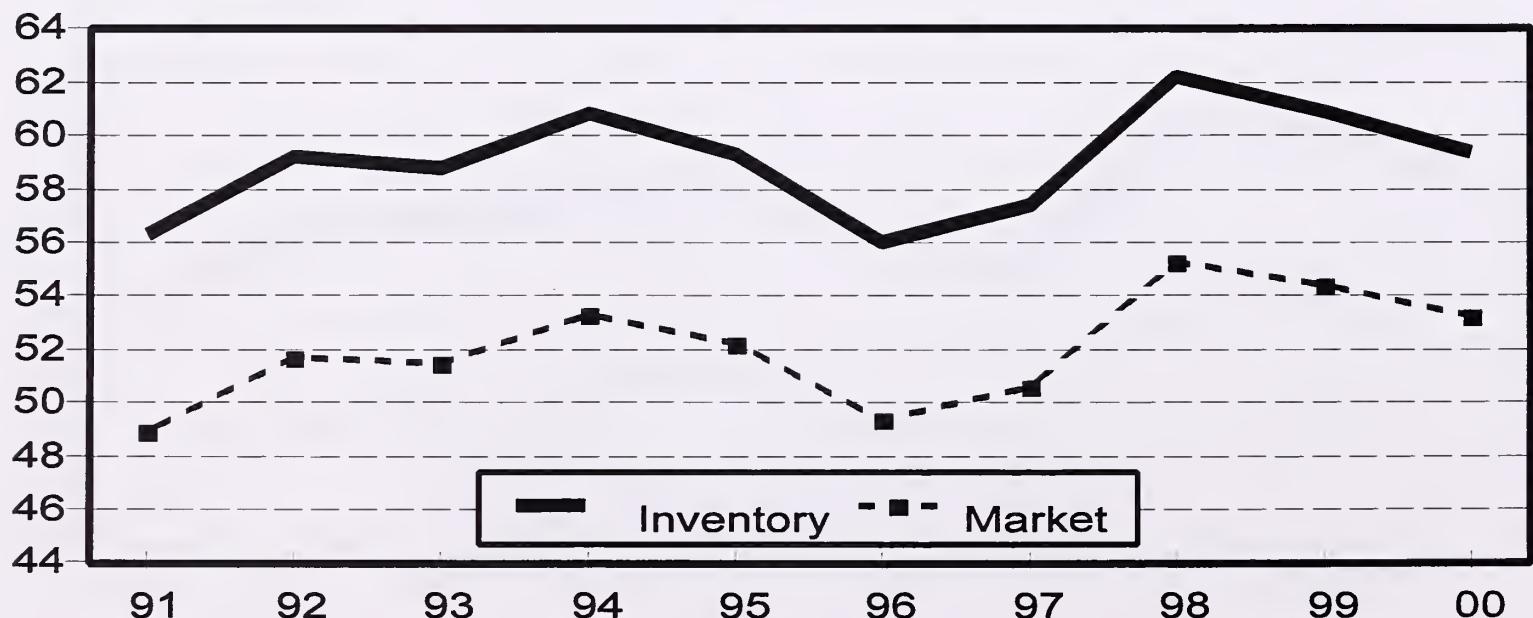
State	Breeding			Market			Total		
	1999	2000		1999	2000		1999	2000	
		Number	as % of 1999		Number	as % of 1999		Number	as % of 1999
	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent
AR	110	110	100	615	580	94	725	690	95
CO	200	210	105	700	680	97	900	890	99
IL	460	430	93	3,890	3,720	96	4,350	4,150	95
IN	410	350	85	3,190	2,950	92	3,600	3,300	92
IA	1,200	1,160	97	14,300	14,340	100	15,500	15,500	100
KS	160	150	94	1,360	1,240	91	1,520	1,390	91
MI	120	110	92	980	890	91	1,100	1,000	91
MN	600	580	97	5,000	5,120	102	5,600	5,700	102
MO	410	380	93	2,790	2,670	96	3,200	3,050	95
NE	410	370	90	2,790	2,580	92	3,200	2,950	92
NC	1,000	1,000	100	8,500	8,600	101	9,500	9,600	101
OH	200	160	80	1,450	1,240	86	1,650	1,400	85
OK	310	340	110	1,870	1,950	104	2,180	2,290	105
PA	125	125	100	965	925	96	1,090	1,050	96
SD	130	125	96	1,200	1,105	92	1,330	1,230	92
TX	85	85	100	685	785	115	770	870	113
WI	80	65	81	580	515	89	660	580	88
Oth Sts <sup>2</sup>	505	484	96	3,515	3,274	93	4,021	3,757	93
US	6,515	6,234	96	54,380	53,164	98	60,896	59,397	98

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

## June 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, June 1, 1999-2000<sup>1</sup>**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1999	2000	1999	2000	1999	2000	1999	2000
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	220	210	150	135	135	130	110	105
CO	360	390	115	90	115	90	110	110
IL	1,460	1,360	950	920	840	820	640	620
IN	1,230	1,170	810	690	650	570	500	520
IA	4,550	4,570	3,950	4,070	3,050	3,080	2,750	2,620
KS	555	500	290	245	255	235	260	260
MI	430	400	220	200	200	160	130	130
MN	2,000	2,060	1,200	1,250	980	1,020	820	790
MO	1,240	1,270	730	610	520	490	300	300
NE	1,130	1,040	720	660	540	500	400	380
NC	3,400	3,500	2,000	2,000	1,750	1,700	1,350	1,400
OH	590	520	375	290	305	270	180	160
OK	790	840	360	400	270	240	450	470
PA	360	340	250	250	195	195	160	140
SD	430	390	280	310	270	240	220	165
TX	250	230	135	200	140	160	160	195
WI	215	195	130	120	130	110	105	90
Oth Sts <sup>2</sup>	1,322	1,203	836	807	731	690	627	574
US	20,532	20,188	13,501	13,247	11,076	10,700	9,272	9,029

<sup>1</sup> Weight groups may not add to Market due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, September 1, 1998-1999<sup>1</sup>**

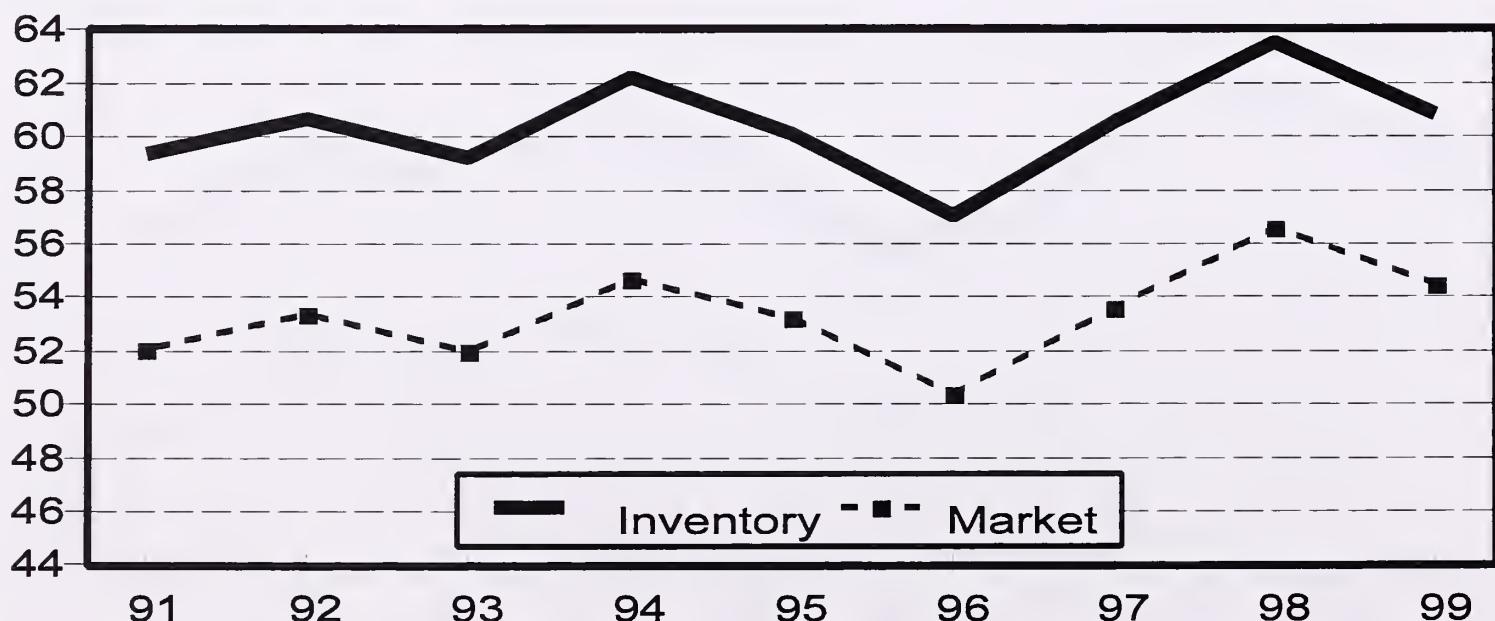
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent
AR	110	110	100	690	610	88	800	720	90
CO	190	200	105	730	750	103	920	950	103
IL	540	430	80	4,310	3,770	87	4,850	4,200	87
IN	450	400	89	3,650	3,150	86	4,100	3,550	87
IA	1,290	1,150	89	14,210	14,450	102	15,500	15,600	101
KS	180	155	86	1,370	1,325	97	1,550	1,480	95
MI	120	110	92	950	920	97	1,070	1,030	96
MN	650	590	91	5,350	4,910	92	6,000	5,500	92
MO	420	390	93	2,930	2,710	92	3,350	3,100	93
NE	420	360	86	2,980	2,590	87	3,400	2,950	87
NC	1,050	1,000	95	9,250	8,900	96	10,300	9,900	96
OH	210	190	90	1,540	1,400	91	1,750	1,590	91
OK	290	330	114	1,690	2,000	118	1,980	2,330	118
PA	115	115	100	985	935	95	1,100	1,050	95
SD	130	125	96	1,170	1,245	106	1,300	1,370	105
TX	65	80	123	535	740	138	600	820	137
WI	95	75	79	605	525	87	700	600	86
Oth Sts <sup>2</sup>	550	491	89	3,667	3,544	97	4,218	4,036	96
US	6,875	6,301	92	56,612	54,474	96	63,488	60,776	96

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

## September 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, September 1, 1998-1999<sup>1</sup>**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	230	225	180	140	150	135	130	110
CO	385	405	125	125	110	110	110	110
IL	1,540	1,390	1,050	930	930	820	790	630
IN	1,330	1,240	880	760	790	620	650	530
IA	4,560	4,660	4,050	3,940	3,000	3,100	2,600	2,750
KS	575	555	290	260	235	230	270	280
MI	300	310	250	260	195	190	205	160
MN	2,110	1,960	1,380	1,180	1,060	970	800	800
MO	1,300	1,110	680	720	550	530	400	350
NE	1,300	1,070	720	600	540	520	420	400
NC	3,620	3,400	2,120	2,100	1,920	1,850	1,590	1,550
OH	680	580	360	350	310	290	190	180
OK	650	830	300	370	270	300	470	500
PA	350	330	255	240	215	200	165	165
SD	380	415	280	320	290	285	220	225
TX	200	270	110	155	110	130	115	185
WI	240	215	140	115	120	100	105	95
Oth Sts <sup>2</sup>	1,439	1,278	862	849	760	749	607	669
US	21,189	20,243	14,032	13,414	11,555	11,129	9,837	9,689

<sup>1</sup> Weight groups may not add to Market due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

**Hogs and Pigs: Breeding, Market, and Total Inventory  
by State and United States, December 1, 1998-1999<sup>1</sup>**

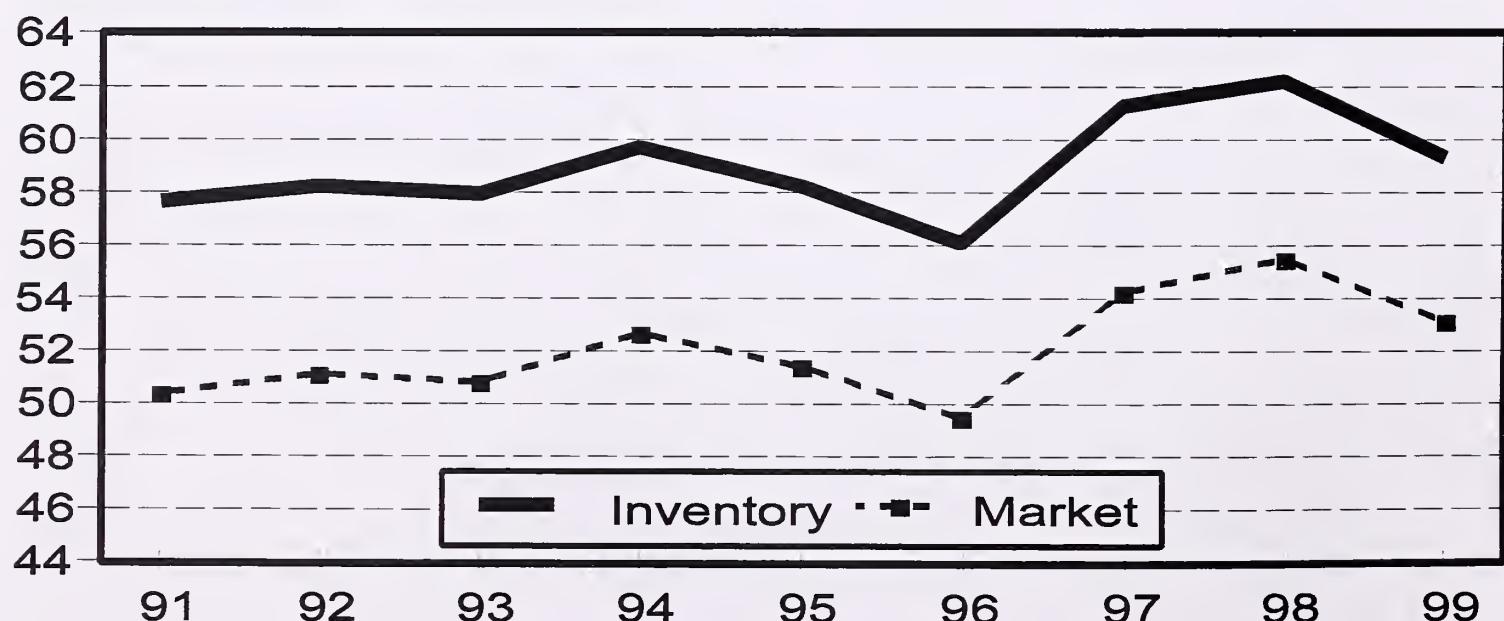
State	Breeding			Market			Total		
	1998	1999		1998	1999		1998	1999	
		Number	as % of 1998		Number	as % of 1998		Number	as % of 1998
	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent	1,000 Head	1,000 Head	Percent
AR	110	110	100	640	600	94	750	710	95
CO	180	210	117	690	700	101	870	910	105
IL	530	420	79	4,320	3,630	84	4,850	4,050	84
IN	450	370	82	3,600	2,880	80	4,050	3,250	80
IA	1,260	1,160	92	14,040	14,240	101	15,300	15,400	101
KS	170	150	88	1,420	1,310	92	1,590	1,460	92
MI	120	120	100	1,000	860	86	1,120	980	88
MN	620	560	90	5,080	4,940	97	5,700	5,500	96
MO	400	410	103	2,900	2,740	94	3,300	3,150	95
NE	420	390	93	2,980	2,610	88	3,400	3,000	88
NC	1,000	1,000	100	8,700	8,500	98	9,700	9,500	98
OH	200	170	85	1,500	1,310	87	1,700	1,480	87
OK	280	310	111	1,640	1,950	119	1,920	2,260	118
PA	120	120	100	980	930	95	1,100	1,050	95
SD	130	120	92	1,270	1,140	90	1,400	1,260	90
TX	80	80	100	560	790	141	640	870	136
WI	85	65	76	605	505	83	690	570	83
Oth Sts <sup>2</sup>	527	479	91	3,598	3,459	96	4,126	3,937	95
US	6,682	6,244	93	55,523	53,094	96	62,206	59,337	95

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

## December 1 Hog Inventory & Market Hogs United States

Million Head



**Market Hogs and Pigs: Inventory Number by Weight Group,  
State, and United States, December 1, 1998-1999<sup>1</sup>**

State	Under 60 Lbs.		60-119 Lbs.		120-179 Lbs.		180 Lbs. and Over	
	1998	1999	1998	1999	1998	1999	1998	1999
	<i>1,000 Head</i>	<i>1,000 Head</i>						
AR	200	210	165	140	150	140	125	110
CO	335	350	120	115	120	110	115	125
IL	1,550	1,270	1,050	900	920	800	800	660
IN	1,370	1,090	840	740	780	580	610	470
IA	4,400	4,360	3,700	3,770	3,120	3,210	2,820	2,900
KS	535	520	290	310	280	230	315	250
MI	340	330	270	205	180	170	210	155
MN	2,020	1,940	1,270	1,190	960	1,030	830	780
MO	1,130	1,140	770	770	570	520	430	310
NE	1,165	980	780	650	600	550	435	430
NC	3,400	3,350	2,000	1,950	1,850	1,750	1,450	1,450
OH	590	530	370	320	330	285	210	175
OK	590	820	320	310	265	270	465	550
PA	340	330	255	250	210	195	175	155
SD	405	370	320	290	280	270	265	210
TX	210	280	120	190	115	160	115	160
WI	215	165	130	135	130	105	130	100
Oth Sts <sup>2</sup>	1,345	1,193	861	871	725	698	668	697
US	20,140	19,228	13,631	13,106	11,585	11,073	10,168	9,687

<sup>1</sup> Weight groups may not add to Market due to rounding.

<sup>2</sup> Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, December-February 1999-2000<sup>1,2</sup>**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>3</sup>		
	1999	2000				1999	2000	
		Number	as % of 1999	1999	2000		Number	as % of 1999
	1,000 Head	1,000 Head	Percent	Number	Number	1,000 Head	1,000 Head	Percent
AR	56	57	102	8.40	8.55	470	487	104
CO	73	86	118	8.30	8.50	606	731	121
IL	210	205	98	8.70	8.70	1,827	1,784	98
IN	185	145	78	8.60	8.75	1,591	1,269	80
IA	480	460	96	8.70	8.85	4,176	4,071	97
KS	83	75	90	8.70	8.70	722	653	90
MI	37	44	119	9.00	8.80	333	387	116
MN	255	250	98	8.95	8.80	2,282	2,200	96
MO	190	180	95	8.60	8.90	1,634	1,602	98
NE	165	160	97	8.55	8.80	1,411	1,408	100
NC	530	530	100	8.85	8.80	4,691	4,664	99
OH	86	77	90	8.50	8.70	731	670	92
OK	150	165	110	9.20	8.90	1,380	1,469	106
PA	47	47	100	8.70	8.70	409	409	100
SD	50	58	116	8.90	8.90	445	516	116
TX	37	36	97	9.40	9.50	348	342	98
WI	37	31	84	8.35	8.75	309	271	88
Oth Sts <sup>4</sup>	220	213	97	8.54	8.65	1,882	1,844	98
US	2,891	2,819	98	8.73	8.79	25,247	24,777	98

<sup>1</sup> May not add due to rounding.

<sup>2</sup> December preceding year.

<sup>3</sup> Number of pigs born December-February on hand March 1, or had been sold.

<sup>4</sup> Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, March-May 1999-2000<sup>1</sup>**

State	Sows Farrowing			Pigs per Litter		Pig Crop <sup>2</sup>		
	1999	2000		1999	2000	1999	2000	
		Number	as % of 1999				Number	as % of 1999
	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>	<i>Number</i>	<i>Number</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Percent</i>
AR	55	55	100	8.50	8.50	468	468	100
CO	79	89	113	8.50	8.40	672	748	111
IL	210	210	100	8.65	8.75	1,817	1,838	101
IN	175	145	83	8.70	8.85	1,523	1,283	84
IA	520	500	96	8.70	8.90	4,524	4,450	98
KS	85	77	91	9.10	8.90	774	685	89
MI	55	50	91	8.90	9.00	490	450	92
MN	265	265	100	8.95	9.00	2,372	2,385	101
MO	195	185	95	8.80	8.90	1,716	1,647	96
NE	165	155	94	8.60	8.90	1,419	1,380	97
NC	530	540	102	8.90	9.00	4,717	4,860	103
OH	85	75	88	8.80	9.00	748	675	90
OK	160	165	103	9.10	8.90	1,456	1,469	101
PA	47	48	102	8.80	8.80	414	422	102
SD	60	62	103	8.90	8.90	534	552	103
TX	37	37	100	9.50	9.50	352	352	100
WI	36	30	83	8.50	8.85	306	266	87
Oth Sts <sup>3</sup>	227	217	96	8.68	8.77	1,968	1,901	97
US	2,986	2,905	97	8.80	8.89	26,270	25,831	98

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Number of pigs born March-May that were still on hand June 1, or had been sold.

<sup>3</sup> Individual State estimates not available for the 33 other States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, June-August 1998-2000<sup>1</sup>**

State	Sows Farrowing				Pigs per Litter		Pig Crop <sup>2</sup>		
	1998	1999	2000 <sup>3</sup>				1998	1999	
			Number	as % of 1999	1998	1999		Number	as % of 1998
	1,000 Head	1,000 Head	1,000 Head	Percent	Number	Number	1,000 Head	1,000 Head	Percent
AR	57	57	55	96	8.50	8.50	485	485	100
CO	78	93	92	99	8.65	8.60	675	800	119
IL	230	200	205	103	8.60	8.60	1,978	1,720	87
IN	190	170	145	85	8.65	8.75	1,644	1,488	91
IA	530	490	485	99	8.75	9.00	4,638	4,410	95
KS	92	82	75	91	8.70	8.80	800	722	90
MI	52	51	50	98	8.90	9.00	463	459	99
MN	280	265	265	100	8.90	9.00	2,492	2,385	96
MO	195	180	170	94	8.70	8.80	1,697	1,584	93
NE	170	150	150	100	8.60	8.65	1,462	1,298	89
NC	550	540	530	98	8.80	9.00	4,840	4,860	100
OH	90	85	75	88	8.75	8.70	788	740	94
OK	134	165	170	103	9.10	9.00	1,219	1,485	122
PA	48	44	48	109	8.70	8.90	418	392	94
SD	57	55	60	109	8.70	9.00	496	495	100
TX	27	39	40	103	8.60	8.90	232	347	150
WI	42	34	30	88	8.35	8.60	351	292	83
Oth Sts <sup>4</sup>	232	220	209	95	8.43	8.64	1,956	1,898	97
US	3,054	2,920	2,854	98	8.72	8.86	26,634	25,860	97

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Number of pigs born June-August on hand September 1, or had been sold.

<sup>3</sup> Intentions.

<sup>4</sup> Individual State estimates not available for the 33 States.

**Farrowings: Number of Sows, Pigs per Litter, and Pig Crop  
by State and United States, September-November 1998-2000<sup>1</sup>**

State	Sows Farrowing				Pigs per Litter		Pig Crop <sup>2</sup>		
	1998	1999	2000 <sup>3</sup>				1998	1999	
			Number	as % of 1999	1998	1999		Number	as % of 1998
	1,000 Head	1,000 Head	1,000 Head	Percent	Number	Number	1,000 Head	1,000 Head	Percent
AR	56	55	54	98	8.50	8.50	476	468	98
CO	73	87	90	103	8.50	8.30	621	722	116
IL	235	200	205	103	8.60	8.60	2,021	1,720	85
IN	195	155	145	94	8.65	8.65	1,687	1,341	79
IA	510	490	485	99	8.70	8.90	4,437	4,361	98
KS	90	78	72	92	8.70	8.70	783	679	87
MI	52	49	50	102	8.50	9.00	442	441	100
MN	265	245	265	108	8.85	9.00	2,345	2,205	94
MO	190	190	175	92	8.60	8.70	1,634	1,653	101
NE	175	160	155	97	8.50	8.75	1,488	1,400	94
NC	520	520	530	102	8.65	8.75	4,498	4,550	101
OH	90	74	79	107	8.60	8.70	774	644	83
OK	135	155	170	110	9.10	9.00	1,229	1,395	114
PA	46	46	48	104	8.90	8.70	409	400	98
SD	60	57	60	105	8.60	8.90	516	507	98
TX	32	38	39	103	8.20	9.40	262	357	136
WI	39	31	29	94	8.25	8.70	322	270	84
Oth Sts <sup>4</sup>	230	214	210	98	8.53	8.68	1,958	1,859	95
US	2,993	2,844	2,861	101	8.66	8.78	25,902	24,972	96

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Number of pigs born September-November that were still on hand December 1, or had been sold.

<sup>3</sup> Intentions.

<sup>4</sup> Individual State estimates not available for the 33 other States.

## Reliability of June 1 Hogs and Pigs Estimates

**Survey Procedures:** A random sample of 13,300 U.S. producers was surveyed to provide data for these estimates. Survey procedures ensured that all hog and pig producers, regardless of size, had a chance to be included in the survey. Large producers were sampled more heavily than small operations. Data were collected from about 11,000 operations, 83 percent of the total sample, during the first-half of June by mail, telephone, and face-to-face personal interviews. Regardless of when operations responded, they were asked to report inventories as of June 1.

**Estimation Procedures:** These hogs and pigs estimates were prepared by the Agricultural Statistics Board after reviewing recommendations and analysis submitted by each State office. National and State survey data were reviewed for reasonableness with each other and with estimates from past years using a balance sheet. The balance sheet begins with the previous inventory estimate, adds to it estimates of births and imports, and subtracts estimates of slaughter, exports, and deaths. This indicated ending inventory level is compared to the Agricultural Statistics Board estimate for reasonableness.

**Revision Policy:** Revisions to previous estimates are made to improve quarter to quarter relationships. Estimates for the previous four quarters are subject to revision when current estimates are made. In December, estimates for all quarters of the current and previous year are reviewed. The reviews are primarily based on hog check-off receipts and slaughter. Estimates will also be reviewed after data from the Department of Agriculture five-year Census of Agriculture are available. No revisions will be made after that date.

**Reliability:** Since all operations raising hogs are not included in the sample, survey estimates are subject to sampling variability. Survey results are also subject to non-sampling errors such as omissions, duplication, and mistakes in reporting, recording, and processing the data. The affects of these errors cannot be measured directly. They are minimized through rigid quality controls in the data collection process and through a careful review of all reported data for consistency and reasonableness.

To assist users in evaluating the reliability of the estimates in this report, the "Root Mean Square Error" is shown for selected items in the following table. The **"Root Mean Square Error"** is a statistical measure based on past performance and is computed using the difference between first and final estimates. The "Root Mean Square Error" for hog inventory estimates over the past 20 quarters is 1.9 percent. This means that chances are 2 out of 3 that the final estimate will not be above or below the current estimate of 59.4 million head by more than 1.9 percent. Chances are 9 out of 10 that the difference will not exceed 3.2 percent.

**Reliability of June 1 Hog Estimates <sup>1</sup>**

Item	Root Mean Square Error	90% Confidence Level		Difference Between First and Latest Estimates			Quarters	
				Average	Smallest	Largest	First Above Latest	First Below Latest
	<i>Percent</i>	<i>Percent</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>1,000 Head</i>	<i>Number</i>	<i>Number</i>
All Hogs & Pigs	1.9	3.2	1,901	753	10	2,820	11	9
Pig Crop	1.8	3.2	827	328	0	1,009	11	9
Expected Farrowings								
Next Quarter	2.4	4.2	120	51	1	161	12	8
Following	4.7	8.1	232	94	11	380	11	9

<sup>1</sup> Based on quarterly records for the past 20 quarters.

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The next "Hogs and Pigs" report will be released at 3 p.m. ET on September 22, 2000.

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